

254 D. The Pure Food and Oil Division: (W. M. Allen in charge), enforces the law against adulterated or misbranded food or beverages. In 1900 the number of samples examined was 507 and the percentage of adulteration found 56 per cent. In 1910 the number of samples examined was 919 and the percentage of adulteration found 16.21. There are two classes of adulterants found in food: substances which are deleterious to health, and substances which merely render the food less valuable. The use of the first is prohibited; the second can be used provided their presence is made known to the purchaser. Owing to various complications the enforcement of the food law is far more difficult than one not familiar with the situation would think. The national government has enacted a food law which requires weight of contents to be stamped on all packages or other containers of foods. The Legislature will have to enact this for the state before it will be applied to transactions between citizens of North Carolina.

The Pure Food Chemist is also Oil Chemist and has in charge the standardization and inspection of all illuminating oils.

254 E. The Feed Inspection Division: (Mr. J. M. Pickel in charge), enforces the law with regard to branding of bags, weight of bags, and analyses of stamps.

254 F. The Entomology Division: (Mr. Franklin Sherman, Jr., in charge), includes the inspection of fruit trees (which are not allowed to be sold unless declared free from disease), the giving of instruction in spraying and the waging of war generally against insect pests and diseases.

254 G. The Division of Horticulture: (Mr. C. D. Matthews in charge), promotes the interest of trucking, the home and market garden, also the culture, preservation and marketing of the fruits of the State. There is a test farm in Pender County used in connection with the trucking interest of the eastern part of the State, while the Blantyre farm in Transylvania County is used to demonstrate the culture and marketing of fruit, the prevention of diseases of fruit trees, and reforestation.

254 H. The Division of Agronomy: (Mr. C. B. Williams in charge) supplies information on plant breeding and selection, the use of fertilizers, crop rotation, etc.

254 I. The Botany Division: (Mr. J. H. Burgess in charge), conducts a seed laboratory, forbids the sale of those seeds not complying with the law as to purity and germination, and issues licenses for the sale of seeds, and tags for labeling the packages. Inoculation germs for legumes are manufactured and sold at cost. Grain is graded when desired and report made on its standard under the U. S. laws.

254 J. Soil Survey, Test Farms, and Farm Demonstration Work: